2336

TAGGING

F03559-3751

F0251-399

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2336	032	11	29	73	26AD	3615	7546

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0005	16	—	14	013	N	NW	15
S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	PC	SA	S	FT	060	—	14	120

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
1	00500	0005	—	00055

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	—	—	—	—

3/4

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 15'	75° 46'	1635	3025	5		1350	1351
							PU	ON
FINISH	36° 22'	75° 48'	1709	3037	5		1551	1556

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1350 2 /5	50	1747

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

P. dentatus (F3241, F0236, F3374) recaptured during This Tow, And All were re-released

OBSERVATIONS

342 P. dentatus Tagged and released

Released from 3/4 to with in 1/2 mile of beach - 4 Trawler Towing behine during release

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R/V DAN MOORE SPECIES LIST

STATION NUMBER 2336

DATE Nov. 29 1973

IDENTIFIED BY BFH & ABP

TOTAL CATCH WT. -

SUBSAMPLE WT. -

NO. BASKETS -

Flounder (Anadromous - 032)

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Acipenser oxyrhynchus	1	-	Tag # B00726 136.5cm. Tagged + Released
Orthopristis chrysoptera			
Prionotus carolinus			
Morone saxatilis	1		Bio data taken.
Leiostomus xanthurus			
Cynoscion regalis			
Paralichthys dentatus	439	247#	342 Tagged - 97 Retained.
Scopthalmus aquosus			
Callinectes sapidus			
Peprilus triacanthus			
Squatina dumerili			
Spheroides maculatus			
Raja eglanteria			
Loligo			
Turtle	1	45#	
Dasyatis sp.	1	-	

F3241, F0 236, F3374 recaptured and re-released.

*Include type of data taken, i.e length,weight,scales,gonads,saved for identification,etc.

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336

Tot. Fish Captured 439

Date 11/29/73

Tot. Fish Tagged 342

Area of Release from due East To 4 miles North of Currituck Light

No. Retained for analysis 97

LORAN Start 3H4 1635 3H5 3025 5 FMS

Gear Type #36 Yankee Trawl 060

Finish 1709 3037 5 FMS

TAG. NO.	Weight Lbs.	Weight Ozs.	TL ~~F.L.~~ mm ~~(cm)~~	Species	Remarks
F0251			470	P. dentatus	Released from 3/4 To
F0252			448	"	within 1/2 mile of beach-
F0253			392	"	4 Trawlers Towing behine
F0254			410	"	during release
F0255			408	"	
F0256			517	"	
F0257			389	"	
F0258			443	"	
F0259			513	"	
F0260			410	"	
F0261			409	"	
F0262			428	"	
F0263			428	"	
F0264			439	"	
F0265			445	"	
F0266			397	"	
F0267			390	"	
F0268			400	"	
F0269			419	"	
F0270			479	"	
F0271			419	"	
F0272			402	"	
F0273			470	"	
F0274			416	"	
F0275			430	"	
F0276			412	"	
F0277			420	"	
F0278			394	"	
F0279			568	"	
F0280			393	"	
F0281			403	"	
F0282			425	"	
F0283			450	"	
F0284			386	"	
F0285			375	"	
F0286			414	"	
F0287			411	"	
F0288			408	"	
F0289			410	"	
F0290			402	"	
F0291			399	"	
F0292			428	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 CON'T

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis

LORAN Start

Gear Type

Finish

TAG. NO.	Weight		TL ~~F.L.~~ mm ~~(cm)~~	Species	Remarks
	Lbs.	Ozs.			
F0293			420	P. denTaTus	
F0294			418	〃	
F0295			380	〃	
F0296			449	〃	
F0297			395	〃	
F0298			492	〃	
F0299			465	〃	
F0300			420	〃	
F0301			471	〃	
F0302			401	〃	
F0303			381	〃	
F0304			369	〃	
F0305			322	〃	
F0306			337	〃	
F0307			460	〃	
F0308			437	〃	
F0309			414	〃	
F0310			510	〃	
F0311			411	〃	
F0312			360	〃	
F0313			442	〃	
F0314			433	〃	
F0315			510	〃	
F0316			336	〃	
F0317			526	〃	
F0318			422	〃	
F0319			358	〃	
F0320			340	〃	
F0321			370	〃	
F0322			347	〃	
F0323			355	〃	
F0324			377	〃	
F0325			328	〃	
F0326			328	〃	
F0327			324	〃	
F0328			333	〃	
F0329			347	〃	
F0330			330	〃	
F0331			412	〃	
F0332			473	〃	
F0333			465	〃	
F0334			388	〃	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 CON'T

Date

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

F00339 — NO LENGTH

TAG. NO.	Weight Lbs.	Ozs.	T.L. ~~F.L.~~ MM ~~(cm)~~	Species	Remarks
F0335			430 ✓	P. denTaTus	
F0336			432	"	
F0337			456	"	
F0338			441	"	
F0339	F0340 →		360	"	
F0341			572	"	
F0342			372	"	
F0343			432	"	
F0344			427	"	
F0345			396	"	
F0346			374	"	
F0347			402	"	
F0348			425	"	
F0349			452	"	
F0350			443	"	
F0351			375	"	
F0352			477	"	
F0353			392	"	
F0354			438	"	
F0355			361	"	
F0356			492	"	
F0357			426	"	
F0358			447	"	
F0359			423	"	
F0360			407	"	
F0361			377	"	
F0362			349	"	
F0363			375	"	
F0364			432	"	
F0365			411	"	
F0366			397	"	
F0367			403	"	
F0368			419	"	
F0369			481	"	
F0370			455	"	
F0371			427	"	
F0372			417	"	
F0373			390	"	
F0374			394	"	
F0375			374	"	
F0376			442	"	
F0377			402	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 CON'T

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis

LORAN Start

Gear Type

Finish

TAG. NO.	Weight		TL ~~F.L.~~ mm (cm)	Species	Remarks
	Lbs.	Ozs.			
F0378			464	P. dentatus	
F0379			429	11	
F0380			535	11	
F0381			436	11	
F0382			391	11	
F0383			419	11	
F0384			485	11	
F0385			398	11	
F0386			380	11	
F0387			330	11	
F0388			351	11	
F0389			430	11	
F0390			345	11	
F0391			430	11	
F0392			408	11	
F0393			440	11	
F0394			431	11	
F0395			365	11	
F0396			369	11	
F0397			441	11	
F0398			403	11	
F0399			405	11	
F3559			306	11	
F3560			340	11	
F3561			223	11	
F3562			258	11	
F3563			275	11	
F3564			244	11	
F3565			217	11	
F3566			217	11	
F3567			231	11	
F3568			213	11	
F3569			249	11	
F3570			310	11	
F3571			220	11	
F3572			245	11	
F3573			212	11	
F3574			205	11	
F3575			218	11	
F3576			245	11	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 con'T

Date

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

TAG. NO.	Weight		TL ~~F.L.~~ m.m ~~(cm)~~	Species	Remarks
	Lbs.	Ozs.			
F3577			225	P. dentatus	
F3578			229	11	
F3579			245	11	
F3580			212	11	
F3581			205	11	
F3582			345	11	
F3583			340	11	
F3584			320	11	
F3585			240	11	
F3586			220	11	
F3587			245	11	
F3588			231	11	
F3589			240	11	
F3590			227	11	
F3591			235	11	
F3592			250	11	
F3593			235	11	Tail All fucked up.
F3594			207	11	
F3595			236	11	
F3596			238	11	
F3597			234	11	
F3598			232	11	
F3599			208	11	
F3600			250	11	
F3601			212	11	
F3602			232	11	
F3603			215	11	
F3604			227	11	
F3605			262	11	
F3606			228	11	
F3607			235	11	
F3608			211	11	
F3609			235	11	
F3610			238	11	
F3611			222	11	
F3612			328	11	
F3613			209	11	
F3614			215	11	
F3615			230	11	
F3616			255	11	
F3617			234	11	
F3618			220	11	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 con'T

Date ______

Area of Release ______

LORAN Start ______ ______

Finish ______ ______

Tot. Fish Captured ______

Tot. Fish Tagged ______

No. Retained for analysis ______

Gear Type ______

TAG. NO.	Weight Lbs.	Weight Ozs.	TL ~~F.L.~~ mm (cm)	Species	Remarks
F3619			230	P. dentatus	
F3620			230	"	
F3621			233	"	
F3622			245	"	
F3623			257	"	
F3624			217	"	
F3625			232	"	
F3626			272	"	
F3627			231	"	
F3628			199	"	
F3629			227	"	
F3630			279	"	
F3631			248	"	
F3632			225	"	
F3633			258	"	
F3634			222	"	
F3635			221	"	
F3636			206	"	
F3637			224	"	
F3638			235	"	
F3639			236	"	
F3640			211	"	
F3641			247	"	
F3642			223	"	
F3643			219	"	
F3644			215	"	
F3645			224	"	
F3646			228	"	
F3647			221	"	
F3648			230	"	
F3649			225	"	
F3650			230	"	
F3651			222	"	
F3652			249	"	
F3653			236	"	
F3654			218	"	
F3655			225	"	
F3656			222	"	
F3657			219	"	
F3658			249	"	
F3659			305	"	
F3660			245	"	

⑦

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 CON'T

Tot. Fish Captured ____

Date ____

Tot. Fish Tagged ____

Area of Release ____

No. Retained for analysis ____

LORAN Start ____ ____

Gear Type ____

Finish ____ ____

TAG. NO.	Weight Lbs.	Ozs.	TL ~~F.L.~~ (cm)	Species	Remarks
F3661			228	P. dentatus	
F3662			226	11	
F3663			229	11	
F3664			257	11	
F3665			204	11	
F3666			233	11	
F3667			230	11	
F3668			205	11	
F3669			226	11	
F3670			235	11	
F3671			225	11	
F3672			214	11	
F3673			325	11	
F3674			220	11	
F3675			243	11	
F3676			246	11	
F3677			225	11	
F3678			224	11	
F3679			270	11	
F3680			200	11	
F3681			216	11	
F3682			204	11	
F3683			220	11	
F3684			296	11	
F3685			230	11	
F3686			237	11	
F3687			206	11	
F3688			209	11	
F3689			215	11	
F3690			225	11	
F3691			223	11	
F3692			202	11	
F3693			213	11	
F3694			236	11	
F3695			232	11	
F3696			211	11	
F3697			181	11	
F3698			227	11	
F3699			244	11	
F3700			216	11	↓
F3701			228	11	
F3702				11	

⑧

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 con'T

Date

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

F·3723 – No length

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F3703			211	P dentatus	
F3704			232	〃	
F3705			208	〃	
F3706			230	〃	
F3707			221	〃	
F3708			208	〃	
F3709			212	〃	
F3710			232	〃	
F3711			227	〃	
F3712			216	〃	
F3713			230	〃	↓
F3714			228	〃	
F3715			220	〃	
F3716			223	〃	
F3717			218	〃	
F3718			227	〃	
F3719			239	〃	
F3720			233	〃	
F3721			220	〃	
F3722			246	〃	
F3723	F3724 →		231	〃	
F3725			252	〃	
F3726			226	〃	
F3727			208	〃	
F3728			221	〃	
F3729			207	〃	
F3730			231	〃	
F3731			225	〃	
F3732			228	〃	
F3733			245	〃	
F3734			248	〃	
F3735			249	〃	
F3736			210	〃	
F3737			220	〃	
F3738			218	〃	
F3739			204	〃	
F3740			258	〃	
F3741			236	〃	
F3742			235	〃	
F3743			228	〃	
F3744			202	〃	
F3745			211	〃	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336 CON'T

Tot. Fish Captured

Date

Tot. Fish Tagged

Area of Release

No. Retained for analysis

LORAN Start

Gear Type

Finish

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F3746			226	P. dentatus	
F3747			220	11	
F3748			234	11	
F3749			247	11	
F3750			238	11	
F3751			214	11	

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks	
11- 1	550	♀	✓	✓				III/IV-44g	2336	~~December~~ November '73	
11- 2	476	♀	✓	✓				III -18.9.	"	Area I	
11- 3	422	♀	✓	✓				II/III -6.2g	"		
11- 4	430	♀	✓	✓				III - 10.7g	"		
11- 5	415	♀	✓	✓				II/III - 5.5g	"		
11- 6	424	♀	✓	✓				III - 11.5g	"		
11- 7	410	♀	✓	✓				III 8.0g	"		
11- 8	398	♀	✓	✓				I/III 6.4g	"	WT. IN GRAMS	
11- 9	232	♂	✓	—				—	"	123	
11-10	297	♀	✓	—				I	"	258	
11-11	197	♂	✓	—				I	"	68	
11-12	228	♀	✓	—				I	"	104	
11-13	212	♂	✓	—				I	"	104	
11-14	263	♀	✓	—				I	"	152	
11-15	225	♂	✓	—				I	"	105	
11-16	208	♂	✓	—				I	"	80	
11-17	216	♂	✓	—				I	"	96	↓
11-18	185 (SL)	♂	✓	—				I	"	98	
11-19	217	♀	✓	—				I	"	100	
11-20	215	♀	—	—				I	"	100	
11-21	197	♀	✓	—				I	"	74	
11-22	215	♀	✓	—				I	"	104	
11-23	220	♀	✓	—				I	"	104	
11-24	234	♀	✓	—				I	"	124	
11-25	211	♀	—	—				I	"	88	
11-26	218	♀	✓	—				I	"	104	
11-27	218	♀	✓	—				I	"	90	
11-28	310	♂	✓	—				II	"	290	
11-29	210	♀	✓	—				I	"	90	
11-30	309	♀	✓	—				I	"	296	
11-31	330	♂	✓	—				II	"	368	
11-32	260	♂	✓	—				I	"	152	
11-33	298	♀	✓	—				I	"	270	
11-34	270	♀	✓	—				I	"	188	
11-35	230	♀	—	—				I	"	122	
11-36	234	♀	✓	—				I	"	113	
11-37	235	♀	✓	—				I	"	132	
11-38	254	♀	✓	—				I	"	158	
11-39	232	♂	✓	—				I	"	119	
11-40	223	♂	✓	—				I	"	102	
11-41	222	♀	✓	—				I	"	102	
11-42	218	♂	✓	—				I	"	112	
11-43	232	♀	✓	—				I	"	130	
11-44	237	♂	✓	—				I	"	140	
11-45	222	♀	✓	—				I	"	112	
11-46	275	♀	✓	—				I	"	204	
11-47	229	♀	✓	—				I	"	118	
11-48	232	♀	✓	—				I	"	130	
11-49	206	♂	✓	—				I	"	90	
11-50	203	♂	✓	—				I	"	86	

Species: P. denTaTus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks wt. in grams
11-51	222	♀	✓	—				I	2336	122
11-52	211	♀	✓	—				I	〃	92
11-53	214	♀	✓	—				I	〃	93
11-54	248	♀	✓	—				I	〃	166
11-55	230	♀	✓	—				I	〃	116
11-56	223	♀	✓	—				I	〃	110
11-57	218	♂	✓	—				I	〃	103
11-58	188	♂	✓	—				I	〃	64
11-59	217	♀	✓	—				I	〃	96
11-60	240	♀	✓	—				I	〃	130
11-61	201	♂	✓	—				I	〃	78
11-62	216	♂	✓	—				I	〃	104
11-63	195	♀	✓	—				I	〃	68
11-64	200	♀	✓	—				I	〃	80
11-65	222	♂	✓	—				I	〃	101
11-66	286	♀	✓	—				I	〃	228
11-67	210	♂	✓	—				I	〃	90
11-68	196	♀	✓	—				I	〃	69
11-69	222	♀	✓	—				I	〃	100
11-70	230	♂	✓	—				I	〃	114
11-71	206	♂	✓	—				I	〃	82
11-72	215	♀	✓	—				I	〃	88
11-73	205	♀	✓	—				I	〃	82
11-74	216	♀	✓	—				I	〃	96
11-75	214	♂	✓	—				I	〃	89
11-76	204	♂	✓	—				I	〃	86
11-77	214	♀	✓	—				I	〃	85
11-78	210	♀	✓	—				I	〃	80
11-79	210	♂	✓	—				I	〃	83
11-80	222	♀	✓	—				I	〃	97
11-81	202	♀	✓	—				I	〃	72
11-82	197	♀	✓	—				I	〃	72
11-83	213	♀	✓	—				I	〃	96
11-84	206	♂	✓	—				I	〃	92
11-85	229	♀	✓	—				I	〃	108
11-86	297	♂	✓	—				I	〃	292
11-87	267	♀	✓	—				I	〃	174
11-88	215	♀	✓	—				I	〃	89
11-89	215	♀	✓	—				I	〃	86
11-90	235	♂	✓	—				I	〃	122
11-91	235	♀	✓	—				I	〃	120
11-92	206	♀	✓	—				I	〃	82
11-93	218	♀	✓	—				I	〃	100
11-94	214	♀	✓	—				I	〃	88
11-95	219	♀	✓	—			↓	I	〃	102
11-96	192	♂	✓	—				I	〃	68
11-97	219	♀	✓	—				I	〃	102

Grid 26AD

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2336

Tot. Fish Captured 1

Date 11 - 29 - 73

Tot. Fish Tagged 1

Area of Release Approx. 1 mile offshore Due east of Currituck light

No. Retained for analysis 0

LORAN Start 3H4 1635 3H5 3025 5 Fms

Gear Type # 36 Yankee Trawl 060

Finish 1709 3037 5 Fms.

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
B00 726		136.5	Longnose Sturgeon	

STriped BASS

STATION	DATE	Fork Length (cm)	Weight (lbs)	sex	SCAles	Age	Spawning Marks	STAGE	SB #
2336✓	11-29-73	1/105.0	—	♀	✓	12A+=13	—	II	1
2364✓	1-10-74	1/64.9	—	♀	✓	9A=7	—	II	2
2365✓	1-10-74	1/86.5	19	♀	✓	9A=9	—	II	3
2368✓	1-15 74	100.0	—	♀	✓	10A+=11	—	II	4
″	″	106.0	—	♀	✓	13A=13	—	III	5
		2/206.0							
2269✓	1-15-74	75.6	—	♀	✓	8A+=9	—	II	6.
″	″	81.6	—	♀	✓	8A+=9	—	II	7
″	″	84.7	—	♀	✓	9A=9	—	II	8
″	″	74.3	—	♀	✓	8A+=9	—	II	9
″	″	69.0	—	♀	✓	7A=7	—	II	10
″	″	95.1	—	♀	✓	9A+=10	—	II	11
″	″	81.7	—	♀	✓	9A=9	—	II	12
″	″	79.8	—	♀	✓	8A+=9	—	II	13
″	″	66.8	—	♀	✓	8A=8	—	II	14
″	″	81.5	—	♀	✓	9A=9	—	II	15
″	″	84.7	—	♀	✓	9A+=10	—	II	16
″	″	90.0	—	♀	✓	9A=9	—	II	17
″	″	82.9	—	♀	✓	11A=11	—	III	18
″	″	69.5	—	♀	✓	7A+=8	—	II	19
″	″	74.0	—	♀	✓	7A+=8	—	II	20
″	″	67.5	—	♀	✓	6A=6	—	II	21
″	″	64.2	—	♀	✓	7A=7	—	II	22
″	″	84.4	—	♀	✓	7A+=8	—	II	23
″	″	79.3	—	♀	✓	8A+=9	—	III	24
″	″	74.2	—	♂	✓	8A+=9	—	—	25
″	″	78.0	—	♀	✓	11A=11	—	II	26
″	″	85.5	—	♀	✓	9A+=10	—	II	27
″	″	82.3	—	♂	✓	10A=10	—	—	28
″	″	106.5	—	♀	✓	14A+=15	—	III	29
″	″	76.0	—	♂	✓	8A+=9	—	—	30
″	″	78.8	—	♂	✓	8A+=9	—	—	31
″	″	82.2	—	♀	No scales	—	—	II	32
″	″	63.5	—	♂	✓	6A+=7	—	—	33
″	″	78.7	—	♀	✓	9A+=10	—	II	34
″	″	85.2	—	♀	✓	10A=10	—	II	35
″	″	80.5	—	—	✓	11A=11	—	—	36 X
″	″	83.5	—	♀	✓	11A=11	—	II	37
″	″	83.2	—	♀	✓	10A=10	—	II	38
″	″	84.6	—	♀	✓	10A+=11	—	II	39
″	″	81.0	—	♂	✓	10A+=11	—	—	40
″	″	77.7	—	♀	✓	9A+=10	—	II	41
″	″	82.7	—	♀	✓	9A+=10	—	II	42
″	″	78.0	—	♀	✓	8A+=9	—	II	43
″	39/3133.8	105.1	—	♀	✓	15A+=16	—	III	44
2391✓	2-7-74	54.0	—	♀	✓	5A+=6	—	I	45
″	″	61.0	—	♀	✓	6A=6	—	III ?	46
″	″	59.4	—	♂	✓	7A=7	—	—	47
″	″	74.0	—	♀	✓	9A+=10	—	III ?	48
″	″	58.3	—	♀	✓	5A+=6	—	I	49

CON'T

2336